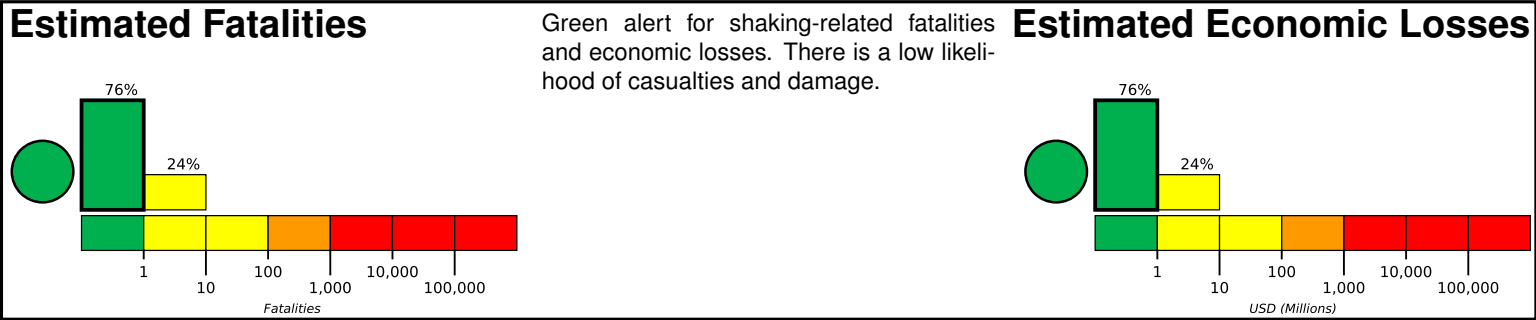


M 5.4, south of Tonga
Origin Time: 2023-08-16 16:00:20 UTC (Wed 04:00:20 local)
Location: 24.4031° S 175.9453° W Depth: 16.0 km

PAGER Version 3

Created: 2 hours, 3 minutes after earthquake

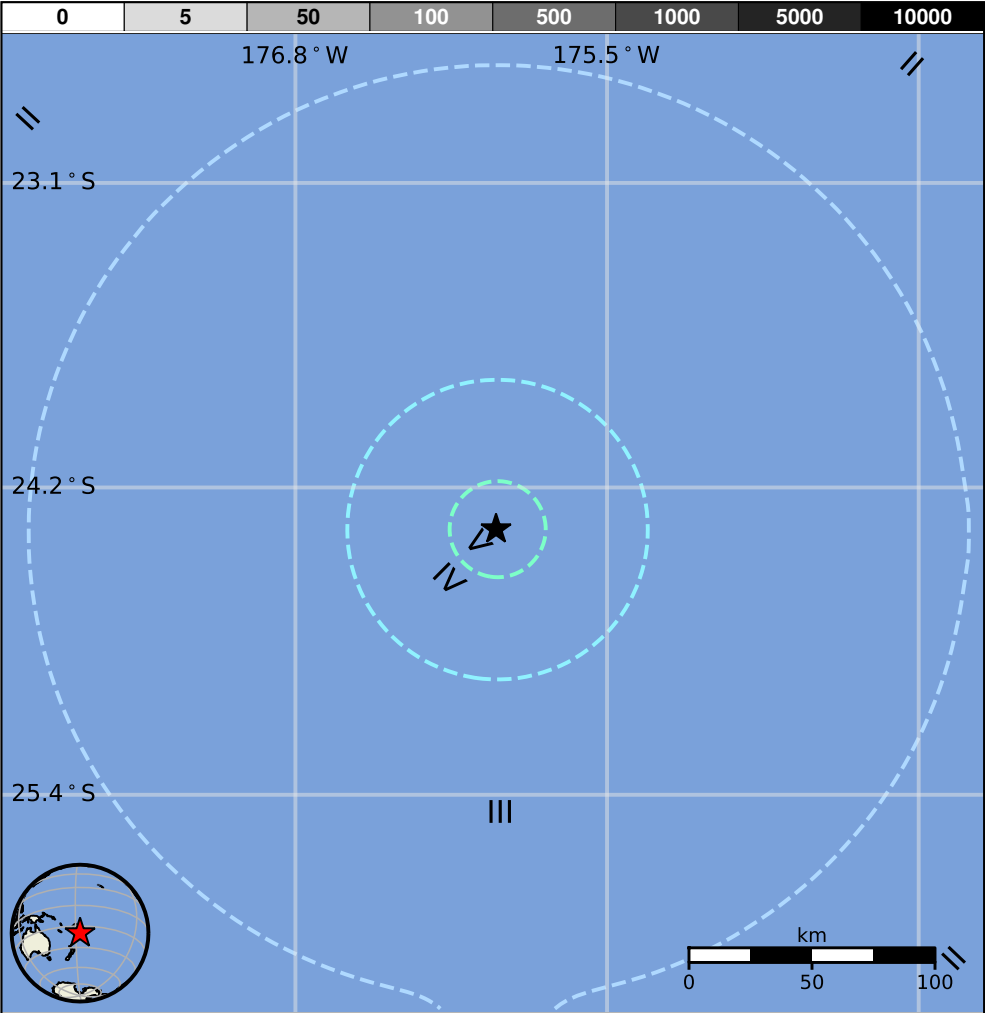


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

There are likely to be no affected structures in this region.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1974-08-06	307	5.8	V(45k)	—
1983-03-21	327	6.7	VII(53k)	—
1977-06-22	167	8.0	VII(47k)	0

Selected City Exposure

MMI	City	Population
		(k = x1000)